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2100-St-ta

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Dr. Nicolai BÖHM, Ulrike WAPPLER, Jobst-Waldemar KLEMP  
and Ingolf SCHÜTZ

Serial No. : To Be Assigned

Filed : Herewith

For : SELF-ADHESIVE PROTECTIVE ARTICLE FOR PAINTED  
AUTOMOBILE PARTS SUBJECT TO HIGH MECHANICAL  
STRESS

Art Unit : To Be Assigned

Examiner : To Be Assigned

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February 15, 2002

BOX PATENT APPLICATION  
Hon. Assistant Commissioner For Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

In advance of prosecution, kindly amend the above-identified application as follows  
and consider the following remarks:

**IN THE CLAIMS**

Please cancel the previous versions of the following claims and replace them with  
the following rewritten versions. Marked up copies showing the amendment since the  
previous versions are annexed as separate pages.

Claim 1 (amended). A self-adhesive article for mechanical protection of painted plastic mounted parts of automobiles, comprising a backing material in film form having an outside and an inner side whose outer side is laminated with a layer of knitted fabric and whose inner side is pressure-sensitively adhesive through application of a self-adhesive composition.

Claim 2 (amended). The self-adhesive article as claimed in claim 1, wherein the backing material in film form has a Young's modulus of less than 300 N/mm<sup>2</sup>.

Claim 3 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material in film form has a thickness of from 10 to 150 µm.

Claim 4 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material in film form is composed of polyolefins, polyolefin blends, polyurethane, flexible PVC or a combination thereof.

Claim 5 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material in film form contains more than 0.15% by weight of a light stabilizer.

Claim 6 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material in film form is perforated, foamed or both.

Claim 7 (amended). The self-adhesive article as claimed in Claim 1, wherein the knitted fabric has a basis weight of from 10 to 200 g/m<sup>2</sup>.

Claim 8 (amended). The self-adhesive article as claimed in Claim 1, wherein the knitted fabric is composed of polyamide, polyester or polyethylene.

Claim 9 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material is coated with from 10 to 80 g/m<sup>2</sup>, of a self-adhesive composition.

Claim 10 (amended). The self-adhesive article as claimed in Claim 1, wherein the backing material in film form is joined to the knitted fabric by means of a laminating adhesive.

Claim 12 (amended). The self-adhesive article as claimed in claim 10, wherein the laminating adhesive is applied over the complete area or partially.

Claim 13 (amended). The self-adhesive article as claimed in Claim 10, wherein the base polymer of the pressure sensitive adhesive is polyisobutylene or polyethylene-vinyl acetate.

Claim 14 (amended). The self-adhesive article as claimed in Claim 1, wherein an adhesion promoter is situated between backing material in film form and pressure sensitive adhesive.

Claim 15 (amended). A method for protecting curved areas on the outside of automobiles which comprises applying to said curved areas the self-adhesive article of Claim 1.

Claim 16 (amended). A method for the protection of painted plastic automobile bumpers, which comprises applying to said bumpers the self-adhesive article of Claim 1.

Please add the following:

--Claim 17. The self-adhesive article of Claim 2, wherein said Young's modulus is less than 150 N/mm<sup>2</sup>.

Claim 18. The self-adhesive article of Claim 3, wherein said thickness is from 40-100 μm.

Claim 19. The self-adhesive article of Claim 5, wherein the backing material in fiber form contains more than 0.3% by weight of said light stabilizer.

Claim 20. The self-adhesive article of Claim 7, wherein said basis weight is from 20-80 g/m<sup>2</sup>.

Claim 21. The self-adhesive article of Claim 9, wherein said backing material is coated with from 15-40 g/m<sup>2</sup> of said self-adhesive composition.--

#### REMARKS

The Preliminary Amendment is being filed to eliminate multiple dependency, and to conform the claims to conventional format.

For the record, Applicants emphasize that although the claims were amended, and, therefore, might be argued to have been amended for a reason substantially related to patentability, a fair reading of the amended claims will reveal that the departures from the previous claims were for clarification purposes only, and that Applicants did not narrow the claims in any material respect. Therefore, Applicants submit that the amended claims are entitled to the full range of equivalents.


Early and favorable action is earnestly solicited.

ADDITIONAL FEE

Please charge any insufficiency of fees, or credit any excess, to Deposit Account No. 14-1263.

Respectfully submitted,

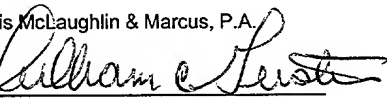
NORRIS, McLAUGHLIN & MARCUS, P.A.

By   
William C. Gerstenzang  
Reg. No. 27,552

220 East 42nd Street - 30th Floor  
New York, New York 10017  
(212) 808-0700

I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail, Label No. EV015944125US to: BOX PATENT APPLICATION, The Hon. Assistant Commissioner for Patents, Washington, D.C. 20231 on February 15, 2002.

Norris McLaughlin & Marcus, P.A.

By: 

Date: 2/15/02

**MARKED-UP COPIES OF AMENDED CLAIMS,  
SHOWING CHANGES RELATIVE TO PREVIOUS VERSION**

Claim 1 (amended). A self-adhesive article for mechanical protection of painted plastic mounted parts of automobiles, comprising a backing material in film form having an outside and an inner side whose outer side is laminated with a layer of knitted fabric and whose inner side is pressure-sensitively adhesive through application of a self-adhesive composition.

Claim 2 (amended). The self-adhesive article as claimed in claim 1, wherein the backing material in film form has a Young's modulus of less than 300 N/mm<sup>2</sup>[, preferably less than 150 N/mm<sup>2</sup>].

Claim 3 (amended). The self-adhesive article as claimed in [either of claims 1 and 2] Claim 1, wherein the backing material in film form has a thickness of from 10 to 150 µm[, preferably from 40 to 100 µm].

Claim 4 (amended). The self-adhesive article as claimed in [any of claims 1 to 3] Claim 1, wherein the backing material in film form is composed of polyolefins, polyolefin blends, polyurethane, [and/or] flexible PVC or a combination thereof.

Claim 5 (amended). The self-adhesive article as claimed in [any of claims 1 to 4] Claim 1, wherein the backing material in film form contains more than 0.15% by weight[, preferably more than 0.3% by weight,] of a light stabilizer.

Claim 6 (amended). The self-adhesive article as claimed in [any of claims 1 to 5]  
Claim 1, wherein the backing material in film form is perforated, [and/or] foamed or both.

Claim 7 (amended). The self-adhesive article as claimed in [any of claims 1 to 6]  
Claim 1, wherein the knitted fabric has a basis weight of from 10 to 200 g/m<sup>2</sup>[, preferably  
from 20 to 80 g/m<sup>2</sup>].

Claim 8 (amended). The self-adhesive article as claimed in [any of claims 1 to 7]  
Claim 1, wherein the knitted fabric is composed of polyamide, polyester or polyethylene.

Claim 9 (amended). The self-adhesive article as claimed in [any of claims 1 to 8]  
Claim 1, wherein the backing material is coated with from 10 to 80 g/m<sup>2</sup>[, preferably from 15  
to 40 g/m<sup>2</sup>], of a self-adhesive composition.

Claim 10 (amended). The self-adhesive article as claimed in [any of claims 1 to 9]  
Claim 1, wherein the backing material in film form is joined to the knitted fabric by means of  
a laminating adhesive.

Claim 12 (amended). The self-adhesive article as claimed in claim 10 [or 11],  
wherein the laminating adhesive is applied over the complete area or partially[, particularly  
in the form of dots or stripes].

Claim 13 (amended). The self-adhesive article as claimed in [any of claims 10 to 12] Claim 10, wherein the base polymer of the pressure sensitive adhesive is polyisobutylene or polyethylene-vinyl acetate.

Claim 14 (amended). The self-adhesive article as claimed in [any of claims 1 to 13] Claim 1, wherein an adhesion promoter is situated between backing material in film form and pressure sensitive adhesive.

Claim 15 (amended). [The use of the self-adhesive article as claimed in at least one of the preceding claims on] A method for protecting curved areas on the outside of automobiles which comprises applying to said curved areas the self-adhesive article of Claim 1.

Claim 16 (amended). [The use of the self-adhesive article as claimed in at least one of the preceding claims on the paint finish of automobile plastic parts such as, in particular, bumpers] A method for the protection of painted plastic automobile bumpers, which comprises applying to said bumpers the self-adhesive article of Claim 1